

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1003	423/335.ccls.	US-PGPUB; USPAT	OR	OFF	2008/07/17 12:51
L2	498922	"acidifying agent" or "sulfuric acid" or "hydrochloric acid" or "nitric acid" or "acetic acid" or "formic acid" or "carbonic acid"	US-PGPUB; USPAT	ADJ	ON	2008/07/17 12:51
L3	707742	silica or "silicon dioxide" or sio2 or "sio. sup.2" or "sio.sub.2" or "silicon oxide" or silicas or "silicon dioxides" or sio2 or "sio.sup.2" or "sio. sub.2" or "silicon oxides"	US-PGPUB; USPAT	OR	OFF	2008/07/17 12:51
L4	182386	silicate or "alkali silicate" or "alkali metal silicate" or "sodium silicate" or silicates or "alkali silicates" or "alkali metal silicates" or "sodium silicates"	US-PGPUB; USPAT	ADJ	ON	2008/07/17 12:51
L5	872	L1 and L3	US-PGPUB; USPAT	ADJ	ON	2008/07/17 12:51
L6	523	L5 and L4	US-PGPUB; USPAT	ADJ	ON	2008/07/17 12:51
L7	394	L6 and L2	US-PGPUB; USPAT	ADJ	ON	2008/07/17 12:51
L8	337	L7 and "pH"	US-PGPUB; USPAT	ADJ	ON	2008/07/17 12:51
L9	114	8 and (equivalent or equivalents)	US-PGPUB; USPAT	ADJ	ON	2008/07/17 12:58
L10	478898	precipitated or precipitate or precipitates or precipitating or precipitation or precipitations	US-PGPUB; USPAT	ADJ	ON	2008/07/17 13:01
L11	88	9 and 10	US-PGPUB; USPAT	ADJ	ON	2008/07/17 13:01
L12	156	"water-uptake"	US-PGPUB; USPAT	ADJ	ON	2008/07/17 13:03

L13	0	11 and 12	US-PGPUB; USPAT	ADJ	ON	2008/07/17 13:03
L14	488	423/338.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/07/17 13:26
L15	397	14 and 3	US-PGPUB; USPAT	ADJ	ON	2008/07/17 13:26
L16	235	15 and 4	US-PGPUB; USPAT	ADJ	ON	2008/07/17 13:26
L17	177	16 and 2	US-PGPUB; USPAT	ADJ	ON	2008/07/17 13:26
L18	156	17 and "pH"	US-PGPUB; USPAT	ADJ	ON	2008/07/17 13:27
L19	36	18 and (equivalent or equivalents)	US-PGPUB; USPAT	ADJ	ON	2008/07/17 13:27
L20	21	19 and 10	US-PGPUB; USPAT	ADJ	ON	2008/07/17 13:27
L21	497	423/339.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/07/17 13:27
L22	423	21 and 3	US-PGPUB; USPAT	ADJ	ON	2008/07/17 13:27
L23	321	22 and 4	US-PGPUB; USPAT	ADJ	ON	2008/07/17 13:28
L24	260	23 and 2	US-PGPUB; USPAT	ADJ	ON	2008/07/17 13:28
L25	236	24 and "pH"	US-PGPUB; USPAT	ADJ	ON	2008/07/17 13:28
L26	92	25 and (equivalent or equivalents)	US-PGPUB; USPAT	ADJ	ON	2008/07/17 13:28
L27	86	26 and 10	US-PGPUB; USPAT	ADJ	ON	2008/07/17 13:28
S1	2	low water uptake silica	US-PGPUB; USPAT	ADJ	ON	2007/07/25 11:17
S2	0	US2005074386	US-PGPUB; USPAT	ADJ	ON	2007/07/24 15:57
S3	0	"2005074386"	US-PGPUB; USPAT	ADJ	ON	2007/07/24 15:57
S4	4	"1458646"	US-PGPUB; USPAT; EPO	ADJ	ON	2007/07/24 15:58
S5	0	"EP1458646"	US-PGPUB; USPAT; EPO	ADJ	ON	2007/07/24 15:58
S6	1024	aqueous silica	US-PGPUB; USPAT	ADJ	ON	2007/07/25 11:17
S7	9536	precipitated silica	US-PGPUB; USPAT	ADJ	ON	2007/07/25 11:18
S8	137	water-uptake	US-PGPUB; USPAT	ADJ	ON	2007/07/25 11:18

S9	1	S7 and S8	US-PGPUB; USPAT	ADJ	ON	2007/07/25 11:18
S10	7988	S7 and water	US-PGPUB; USPAT	ADJ	ON	2007/07/25 11:18
S11	40	S7 and water uptake	US-PGPUB; USPAT	ADJ	ON	2007/07/25 11:18
S12	14	(US-20030118654-\$ or US-20020160991-\$ or US-20040176619-\$ or US-20040176549-\$). did. or (US-6245834-\$ or US-6030355-\$ or US-5747171-\$ or US- 5443627-\$ or US- 6764613-\$ or US- 4226837-\$ or US- 6184408-\$ or US- 5395605-\$ or US- 4015031-\$ or US- 5009874-\$). did.	US-PGPUB; USPAT	ADJ	ON	2008/01/03 10:32
S13	14	S12 and precipitated silica	US-PGPUB; USPAT	ADJ	ON	2008/01/03 10:32
S14	0	S13 and water-uptake	US-PGPUB; USPAT	ADJ	ON	2008/01/03 10:33
S15	14	S13 and water uptake	US-PGPUB; USPAT	ADJ	ON	2008/01/03 10:33
S16	1	S13 and low water uptake	US-PGPUB; USPAT	ADJ	ON	2008/01/03 10:33
S17	8	S12 and silicate	US-PGPUB; USPAT	ADJ	ON	2008/01/03 10:34
S18	8	S17 and pH	US-PGPUB; USPAT	ADJ	ON	2008/01/03 10:35
S19	0	S18 and acidifying agent	US-PGPUB; USPAT	ADJ	ON	2008/01/03 10:35
S20	8	S18 and acid	US-PGPUB; USPAT	ADJ	ON	2008/01/03 10:35
S21	5	S20 and (filter or filtering or filtered)	US-PGPUB; USPAT	ADJ	ON	2008/01/03 10:35
S22	4	S21 and cake	US-PGPUB; USPAT	ADJ	ON	2008/01/03 10:35
S23	0	423/335.ccls	US-PGPUB; USPAT	ADJ	ON	2008/01/03 11:47
S24	977	423/335.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/01/03 11:47
S25	219	S24 and precipitated silica	US-PGPUB; USPAT	ADJ	ON	2008/01/03 11:47
S26	42	S25 and (hydrophobic or low water uptake)	US-PGPUB; USPAT	ADJ	ON	2008/01/03 11:47

S27	2	low water uptake silica	US-PGPUB; USPAT	ADJ	ON	2008/01/03 11:48
S28	484	423/338.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/01/03 11:48
S29	65	S28 and precipitated silica	US-PGPUB; USPAT	ADJ	ON	2008/01/03 11:49
S30	7	S29 and (hydrophobic or low water uptake)	US-PGPUB; USPAT	ADJ	ON	2008/01/03 11:49
S31	9853	precipitated silica	US-PGPUB; USPAT	ADJ	ON	2008/01/03 15:32
S32	7	"9509128"	EPO; DERWENT	ADJ	ON	2008/01/03 15:33
S33	7	"9509128"	US-PGPUB; EPO; DERWENT	ADJ	ON	2008/01/03 15:34
S34	1	"5882617"	US-PGPUB; EPO; DERWENT	ADJ	ON	2008/01/03 15:36
S35	7	"9509128"	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2008/01/03 15:36
S36	7	"5882617"	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2008/01/03 15:37
S37	2	"7250463"	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2008/01/03 16:48
S38	105	"4590052"	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2008/01/03 17:16
S39	36	"4708859"	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2008/01/04 10:04
S40	22	"4842838"	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2008/01/04 11:40
S41	29	"4874594"	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2008/01/04 11:55
S42	26	"5066420"	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2008/01/04 11:56
S43	55	"5089554"	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2008/01/04 12:09
S44	7	"6107226"	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2008/01/04 12:09

S45	20	"5236623"	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2008/01/04 12:10
S46	16	"5395605"	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2008/01/04 12:14
S47	50	"5403570"	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2008/01/04 12:14
S48	12	"5547502"	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2008/01/04 12:15
S49	50	"5403570"	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2008/01/04 13:03
S50	12	"5547502"	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2008/01/04 13:06
S51	16	"5587416"	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2008/01/04 13:10
S52	17	"5932191"	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2008/01/04 13:12
S53	10	"5800608"	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2008/01/04 13:14
S54	8	"5846311"	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2008/01/04 13:18
S55	5	"5958127"	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2008/01/04 13:20
S56	8	"5876494"	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2008/01/04 13:22
S57	8	"6169135"	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2008/01/04 13:25
S58	7	"5882617"	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2008/01/04 13:32
S59	6	"6191205"	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2008/01/04 13:43
S60	2	"6221149"	US-PGPUB; USPAT	ADJ	ON	2008/01/04 13:58
S61	5	"6001322"	US-PGPUB; USPAT	ADJ	ON	2008/01/04 14:01

S62	5	"6468493"	US-PGPUB; USPAT	ADJ	ON	2008/01/04 14:03
S63	2	"6214912"	US-PGPUB; USPAT	ADJ	ON	2008/01/04 14:05
S64	2	"6290924"	US-PGPUB; USPAT	ADJ	ON	2008/01/04 14:07
S65	4	"6335396"	US-PGPUB; USPAT	ADJ	ON	2008/01/04 14:09
S66	2	"6702888"	US-PGPUB; USPAT	ADJ	ON	2008/01/04 14:10
S67	1	"7033576"	US-PGPUB; USPAT	ADJ	ON	2008/01/04 14:13
S68	39	(US-20030118654-\$ or US-20020160991-\$ or US-20040176619-\$ or US-20040176549-\$). did. or (US-6245834-\$ or US-6030355-\$ or US-5747171-\$ or US- 5443627-\$ or US- 6764613-\$ or US- 4226837-\$ or US- 6184408-\$ or US- 5395605-\$ or US- 4015031-\$ or US- 5009874-\$ or US- 5882617-\$ or US- 7250463-\$ or US- 4590052-\$ or US- 4708859-\$ or US- 4842838-\$ or US- 5066420-\$ or US- 5236623-\$ or US- 5403570-\$ or US- 5547502-\$ or US- 5587416-\$ or US- 5932191-\$ or US- 5846311-\$ or US- 5958127-\$ or US- 5876494-\$ or US- 6169135-\$ or US- 6191205-\$).did. or (US- 6221149-\$ or US- 6001322-\$ or US- 6468493-\$ or US- 6214912-\$ or US- 6290924-\$ or US- 6521214-\$ or US- 6335396-\$ or US- 6702888-\$ or US- 7033576-\$).did.	US-PGPUB; USPAT	ADJ	ON	2008/01/04 16:00
S69	28	S68 and aluminum	US-PGPUB; USPAT	ADJ	ON	2008/01/04 16:00

S70	19	S69 and acidifying agent	US-PGPUB; USPAT	ADJ	ON	2008/01/04 16:01
S71	0	S70 and alkali silicate	US-PGPUB; USPAT	ADJ	ON	2008/01/04 16:01
S72	0	S70 and alkali silicates	US-PGPUB; USPAT	ADJ	ON	2008/01/04 16:01
S73	18	S70 and alkali	US-PGPUB; USPAT	ADJ	ON	2008/01/04 16:02
S74	10	S73 and normality	US-PGPUB; USPAT	ADJ	ON	2008/01/04 16:02
S75	7	"9509128"	EPO; DERWENT	ADJ	ON	2008/01/04 17:03
S76	7	"9509127"	EPO; DERWENT	ADJ	ON	2008/01/04 17:04
S77	2	"0881252"	EPO; DERWENT	ADJ	ON	2008/01/04 17:04
S78	5	"881252"	EPO; DERWENT	ADJ	ON	2008/01/04 17:04
S79	6	"754650"	EPO; DERWENT	ADJ	ON	2008/01/04 17:04
S80	5	"107364"	EPO; DERWENT	ADJ	ON	2008/01/04 17:05
S81	41	"0107364"	EPO; DERWENT	ADJ	ON	2008/01/04 17:05
S82	5	"107364"	EPO; DERWENT	ADJ	ON	2008/01/04 17:05
S83	41	"0107364"	EPO; DERWENT	ADJ	ON	2008/01/04 17:06
S84	0	S81 and silica	EPO; DERWENT	ADJ	ON	2008/01/04 17:06
S85	0	S81 and precipitated	EPO; DERWENT	ADJ	ON	2008/01/04 17:06
S86	46	"5009874"	US-PGPUB; USPAT	OR	OFF	2008/07/16 11:22
S87	1002	423/335.ccls.	US-PGPUB; USPAT	OR	OFF	2008/07/16 17:48
S88	643448	silica or "silicon dioxide" or sio2 or "sio. sup.2" or "sio.sub.2"	US-PGPUB; USPAT	OR	OFF	2008/07/16 17:49
S89	701057	silica or "silicon dioxide" or sio2 or "sio. sup.2" or "sio.sub.2" or "silicon oxide"	US-PGPUB; USPAT	OR	OFF	2008/07/16 17:49
S90	870	S87 and S89	US-PGPUB; USPAT	OR	OFF	2008/07/16 17:49
S91	488	423/338.ccls.	US-PGPUB; USPAT	OR	OFF	2008/07/16 17:50

S92	182254	silicate or "alkali silicate" or "alkali metal silicate" or "sodium silicate"	US-PGPUB; USPAT	ADJ	ON	2008/07/16 17:54
S93	522	S90 and S92	US-PGPUB; USPAT	ADJ	ON	2008/07/16 17:54
S94	497	423/339.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/07/16 17:54
S95	498592	"acidifying agent" or "sulfuric acid" or "hydrochloric acid" or "nitric acid" or "acetic acid" or "formic acid" or "carbonic acid"	US-PGPUB; USPAT	ADJ	ON	2008/07/16 17:55
S96	707220	silica or "silicon dioxide" or sio2 or "sio. sup.2" or "sio.sub.2" or "silicon oxide" or silicas or "silicon dioxides" or sio2 or "sio.sup.2" or "sio. sub.2" or "silicon oxides"	US-PGPUB; USPAT	OR	OFF	2008/07/16 17:56
S97	182254	silicate or "alkali silicate" or "alkali metal silicate" or "sodium silicate" or silicates or "alkali silicates" or "alkali metal silicates" or "sodium silicates"	US-PGPUB; USPAT	ADJ	ON	2008/07/16 17:56
S98	871	S87 and S96	US-PGPUB; USPAT	ADJ	ON	2008/07/16 17:57
S99	522	S98 and S97	US-PGPUB; USPAT	ADJ	ON	2008/07/16 17:57
S100	393	S99 and S95	US-PGPUB; USPAT	ADJ	ON	2008/07/16 17:57

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